

Effect of heat treatment duration on the thermal conductivity of spruce and poplar wood

Z Pásztor, N Horváth, Z Borcsák - *European Journal of Wood and Wood Products* ... 2017 - Springer

Abstract Changes in the thermal conductivity and density of Pannónia poplar (*Populus x euramericana* cv. Pannónia) and spruce (*Picea abies*) caused by heat treatment were examined. The specimens were treated at 180° C for 15, 25 and 35 h. Treatment duration ...

☆ ⓘ Citat de 2 ori    Articole cu conținut similar

Thermal conductivity of solid wood panels made from heat-treated spruce and lime wood strips

CM OLARESCU, M CAMPEAN, C COȘEREANU - *Pro Ligno*, 2015 - proligno.ro

The paper presents the results of an experimental research performed with spruce (*Picea abies* L.) and lime (*Tilia cordata*) wood originating from the Stroesti-Arges region in Romania. Solid wood panels were manufactured from heat-treated strips, and also from ...

☆ ⓘ Citat de 1 ori    Articole cu conținut similar    Toate cele 6 versiuni    ⓘ



EFFECTS OF HEAT TREATMENT ON THERMAL CONDUCTIVITY OF ASH AND BIRCH WOOD SPECIES

HŞ KOL, K GÜNDÜZ - *İnd INTERNATIONAL FURNITURE* ... 2016 - researchgate.net

In this research, the effect of heat treatment on thermal conductivity of ash (*Fraxinus excelsior*) and birch (*Betula pendula*) wood species was evaluated. For this purpose, the radial samples were heat-treated at the temperatures of 170 C, 190 C and 210 C in the ...

☆ ⓘ Articole cu conținut similar    Toate cele 2 versiuni    ⓘ

Determination of some physical properties of heat treated Oriental alder (*Alnus orientalis*) and Spruce (*Picea orientalis*) wood in different heat treatment ...

HŞ KOL - researchgate.net

Thermal modification at different temperatures especially at high temperatures is an effective method to change chemical, physical, and mechanical properties of wood. In this study, some physical properties of heat treated oriental alder and spruce wood at temperatures ...

☆ ⓘ Articole cu conținut similar    ⓘ